

SEMTECH INTERNATIONAL AG		Digi+Reel®		POWER MANAGEMENT (Continued)	
		RoHS Compliant			
Digi-Key Part No.	Description	Pkg.	Price Each*		
			1	25	100
SC2544TSC1-ND	High Performance Wide Input Range Dual Sync. Buck Controller	24-TSSOP	25.34	16.80	14.17
SC2544TSTR-ND	High Performance Wide Input Range Dual Sync. Buck Controller	24-TSSOP	31.56	792/500	
SC2608BSC1-ND	Simple, Synchronous Voltage Mode PWM Controller	8-SOIC	9.35	6.21	5.24
SC2608BSTR-ND	Simple, Synchronous Voltage Mode PWM Controller	8-SOIC	12625	472/500	
SC2620SECT-ND	Dual 2A, 30V Step-Down Regulator with Programmable Frequency up to 1.4MHz	16-SOIC	37.41	24.84	20.95
SC2620SETR-ND	Dual 2A, 30V Step-Down Regulator with Programmable Frequency up to 1.4MHz	16-SOIC	50501	882/500	
SC4501MLCT-ND	2A, 2MHz Step-Up Switching Regulator with Soft-Start	10-MLPD	13.18	8.76	7.38
SC4501MLTR-ND	2A, 2MHz Step-Up Switching Regulator with Soft-Start	10-MLPD	21348	523/000	
SC4502HMLCT-ND	1.4A, 2MHz Step-Up Switching Regulator with Soft-Start	10-MLPD	18.96	12.57	10.60
SC4502HMLTR-ND	1.4A, 2MHz Step-Up Switching Regulator with Soft-Start	10-MLPD	30645	463/000	
SC4503TSC1-ND	1.3MHz Step-Up Switching Reg. with 1.4A Switch	TSOT-23-5	10.63	7.06	5.96
SC4503TSTR-ND	1.3MHz Step-Up Switching Reg. with 1.4A Switch	TSOT-23-5	17216	553/000	
SC4508AMLCT-ND	Buck or Buck Boost Current Mode Controller	12-MLPQ	18.70	12.42	10.48
SC4508AMLTR-ND	Buck or Buck Boost Current Mode Controller	12-MLPQ	30301	133/000	
SC4517AIMSCT-ND	1.25MHz, 1.5A Step-Down Switching Regulator	8-MSOP	14.88	9.88	8.34
SC4517AIMSTR-ND	1.25MHz, 1.5A Step-Down Switching Regulator	8-MSOP	20085	982/500	
SC4518HSECT-ND	600kHz, 2A Step-Down Switching Regulator	8-SOIC	11.48	7.63	6.43
SC4518HSETR-ND	600kHz, 2A Step-Down Switching Regulator	8-SOIC	15494	902/500	
SC4519HSECT-ND	600kHz, 2A Step-Down Switching Regulator	8-SOIC	21.26	14.12	11.91
SC4519HSETR-ND	600kHz, 2A Step-Down Switching Regulator	8-SOIC	28694	252/500	
SC4524ASECT-ND	28V, 2A Step-Down Switching Regulator	8-SOIC	8.93	5.93	5.00
SC4524ASETR-ND	28V, 2A Step-Down Switching Regulator	8-SOIC	12051	592/500	
SC4524BSECT-ND	16V, 2A Step-Down Switching Regulator	8-SOIC	8.93	5.93	5.00
SC4524BSETR-ND	16V, 2A Step-Down Switching Regulator	8-SOIC	12051	592/500	
SC4524SECT-ND	30V, 2A Step-Down Switching Regulator	8-SOIC	13.86	9.18	7.74
SC4524SETR-ND	30V, 2A Step-Down Switching Regulator	8-SOIC	18651	262/500	
SC4525ASECT-ND	28V, 3A Step-Down Switching Regulator	8-SOIC	8.93	5.93	5.00
SC4525ASETR-ND	28V, 3A Step-Down Switching Regulator	8-SOIC	12051	592/500	
SC4620MLCT-ND	High Efficiency, 2.5A Synchronous Step-Down DC/DC Regulator	20-MLPQ	24.06	15.95	13.46
SC4620MLTR-ND	High Efficiency, 2.5A Synchronous Step-Down DC/DC Regulator	20-MLPQ	38909	403/000	
SC4624AMLCT-ND	High Efficiency, 4A Synchronous Step-Down DC/DC Regulator	20-MLPQ	15.73	10.45	8.81
SC4624AMLTR-ND	High Efficiency, 4A Synchronous Step-Down DC/DC Regulator	20-MLPQ	25480	493/000	
Linear Regulators					
SC560AULCT-ND	Dual Output Low Noise Ultra LDO Regulator	8-MLPQ	5.53	3.67	3.10
SC560AULTR-ND	Dual Output Low Noise Ultra LDO Regulator	8-MLPQ	8952	613/000	
SC560BULCT-ND	Dual Output Low Noise Ultra LDO Regulator	8-MLPQ	5.53	3.67	3.10
SC560BULTR-ND	Dual Output Low Noise Ultra LDO Regulator	8-MLPQ	8952	613/000	
SC560CULCT-ND	Dual Output Low Noise Ultra LDO Regulator	8-MLPQ	5.53	3.67	3.10
SC560CULTR-ND	Dual Output Low Noise Ultra LDO Regulator	8-MLPQ	8952	613/000	
SC560DULCT-ND	Dual Output Low Noise Ultra LDO Regulator	8-MLPQ	5.53	3.67	3.10
SC560DULTR-ND	Dual Output Low Noise Ultra LDO Regulator	8-MLPQ	8952	613/000	
SC560EULCT-ND	Dual Output Low Noise Ultra LDO Regulator	8-MLPQ	5.53	3.67	3.10
SC560EULTR-ND	Dual Output Low Noise Ultra LDO Regulator	8-MLPQ	8952	613/000	
SC560FULCT-ND	Dual Output Low Noise Ultra LDO Regulator	8-MLPQ	5.53	3.67	3.10
SC560FULTR-ND	Dual Output Low Noise Ultra LDO Regulator	8-MLPQ	8952	613/000	
SC560GULCT-ND	Dual Output Low Noise Ultra LDO Regulator	8-MLPQ	5.53	3.67	3.10
SC560GULTR-ND	Dual Output Low Noise Ultra LDO Regulator	8-MLPQ	8952	613/000	
SC560HULCT-ND	Dual Output Low Noise Ultra LDO Regulator	8-MLPQ	5.53	3.67	3.10
SC560HULTR-ND	Dual Output Low Noise Ultra LDO Regulator	8-MLPQ	8952	613/000	
SC900AMLCT-ND	Programmable Penta Ultra LDO with RESET and IFC Interface	20-MLPQ	21.26	14.12	11.91
SC900AMLTR-ND	Programmable Penta Ultra LDO with RESET and IFC Interface	20-MLPQ	34433	103/000	
SC1453ISK1-5CT-ND	150mA Ultra LDO Regulator with Low Noise Bypass	SOT-23-5	8.33	5.51	4.65
SC1453ISK1-5TR-ND	150mA Ultra LDO Regulator with Low Noise Bypass	SOT-23-5	13441	663/000	
SC1453ISK1-8CT-ND	150mA Ultra LDO Regulator with Low Noise Bypass	SOT-23-5	8.33	5.51	4.65
SC1453ISK1-8TR-ND	150mA Ultra LDO Regulator with Low Noise Bypass	SOT-23-5	13441	663/000	
SC1453ISK2-5CT-ND	150mA Ultra LDO Regulator with Low Noise Bypass	SOT-23-5	8.33	5.51	4.65
SC1453ISK2-5TR-ND	150mA Ultra LDO Regulator with Low Noise Bypass	SOT-23-5	13441	663/000	
SC1453ISK3-3CT-ND	150mA Ultra LDO Regulator with Low Noise Bypass	SOT-23-5	8.33	5.51	4.65
SC1453ISK3-3TR-ND	150mA Ultra LDO Regulator with Low Noise Bypass	SOT-23-5	13441	663/000	
SC1563ISK1-8CT-ND	LDO Low Quiescent 500mA Regulator	SOT-23-5	14.88	9.88	8.34
SC1563ISK1-8TR-ND	LDO Low Quiescent 500mA Regulator	SOT-23-5	24103	173/000	
SC1563ISK2-5CT-ND	LDO Low Quiescent 500mA Regulator	SOT-23-5	14.88	9.88	8.34
SC1563ISK2-5TR-ND	LDO Low Quiescent 500mA Regulator	SOT-23-5	24103	173/000	
SC1563ISK3-0CT-ND	LDO Low Quiescent 500mA Regulator	SOT-23-5	14.88	9.88	8.34
SC1563ISK3-0TR-ND	LDO Low Quiescent 500mA Regulator	SOT-23-5	24103	173/000	
SC1563ISK3-3CT-ND	LDO Low Quiescent 500mA Regulator	SOT-23-5	14.88	9.88	8.34
SC1563ISK3-3TR-ND	LDO Low Quiescent 500mA Regulator	SOT-23-5	24103	173/000	
SC1565ISM2-5CT-ND	LDO 1.5A Regulator with Enable	TO-263-5	26.61	17.65	14.88
SC1565ISM2-5TR-ND	LDO 1.5A Regulator with Enable	TO-263-5	11481	10/800	
SC1565IS-1.8CT-ND	LDO 1.5A Regulator with Enable	8-SOIC	11.48	7.63	6.43
SC1565IS-1.8TR-ND	LDO 1.5A Regulator with Enable	8-SOIC	15494	902/500	
SC1565IS-2.5CT-ND	LDO 1.5A Regulator with Enable	8-SOIC	11.48	7.63	6.43
SC1565IS-2.5TR-ND	LDO 1.5A Regulator with Enable	8-SOIC	15494	902/500	
SC1565IST18CT-ND	LDO 1.5A Regulator with Enable	SOT-223	11.48	7.63	6.43
SC1565IST18TR-ND	LDO 1.5A Regulator with Enable	SOT-223	15494	902/500	
SC1565IST25CT-ND	LDO 1.5A Regulator with Enable	SOT-223	11.48	7.63	6.43
SC1565IST25TR-ND	LDO 1.5A Regulator with Enable	SOT-223	15494	902/500	
SC1566ISM1-8CT-ND	LDO 3.0A Regulator with Enable	TO-263-5	28.74	19.06	16.07
SC1566ISM1-8TR-ND	LDO 3.0A Regulator with Enable	TO-263-5	12399	32/800	
SC1566ISM2-5CT-ND	LDO 3.0A Regulator with Enable	TO-263-5	29.33	19.48	16.43
SC1566ISM2-5TR-ND	LDO 3.0A Regulator with Enable	TO-263-5	12671	38/800	
SC1566IM-1.8CT-ND	LDO 3.0A Regulator with Enable	TO-263	29.33	19.48	16.43
SC1566IM-1.8TR-ND	LDO 3.0A Regulator with Enable	TO-263	12671	38/800	
SC1566IM-2.5CT-ND	LDO 3.0A Regulator with Enable	TO-263	29.33	19.48	16.43
SC1566IM-2.5TR-ND	LDO 3.0A Regulator with Enable	TO-263	12671	38/800	
SC1592IMCT-ND	LDO High Performance Adj. Positive Voltage Regulator	TO-263-7	26.61	17.65	14.88
SC1592IMTR-ND	LDO High Performance Adj. Positive Voltage Regulator	TO-263-7	11477	70/800	
SC2595MLCT-ND	Integrated Linear DDR Termination Regulator	16-MLPQ	20.83	13.84	11.67
SC2595MLTR-ND	Integrated Linear DDR Termination Regulator	16-MLPQ	33744	443/000	
SC2596SECT-ND	Low Voltage Integrated DDR Termination Regulator	8-SOIC	11.31	7.49	6.31
SC2596SETR-ND	Low Voltage Integrated DDR Termination Regulator	8-SOIC	15207	952/500	

Digi-Key Part No.	Description	Pkg.	Price Each*		
			1	25	100
SC4211SCT-ND	Low In/LDO 1A Regulator with Enable	8-SOIC	13.18	8.76	7.38
SC4211STR-ND	Low In/LDO 1A Regulator with Enable	8-SOIC	17790	442/500	
SC4215ASCT-ND	Low In/LDO 2A Regulator with Enable	8-SOIC	11.90	7.91	6.67
SC4215ASTR-ND	Low In/LDO 2A Regulator with Enable	8-SOIC	16068	782/500	
SC4216SCT-ND	Low In/LDO 3A Regulator with Enable	8-SOIC	16.83	11.16	9.41
SC4216STR-ND	Low In/LDO 3A Regulator with Enable	8-SOIC	22668	462/500	
SC5531SKCT-ND	150mA Ultra LDO Regulator with Adj. Output	SOT-23-5	9.18	6.08	5.12
SC5531SKTR-ND	150mA Ultra LDO Regulator with Adj. Output	SOT-23-5	14818	993/000	
Special Function					
SC310ASKCT-ND	High Side Current Sense Amp with Low Impedance Voltage Output	SOT-23-6	9.35	6.21	5.24
SC310ASKTR-ND	High Side Current Sense Amp with Low Impedance Voltage Output	SOT-23-6	15150	563/000	
SC310BSKCT-ND	High Side Current Sense Amp with Low Impedance Voltage Output	SOT-23-6	9.35	6.21	5.24
SC310BSKTR-ND	High Side Current Sense Amp with Low Impedance Voltage Output	SOT-23-6	15150	563/000	
SC310CSKCT-ND	High Side Current Sense Amp with Low Impedance Voltage Output	SOT-23-6	9.35	6.21	5.24
SC310CSKTR-ND	High Side Current Sense Amp with Low Impedance Voltage Output	SOT-23-6	15150	563/000	
SC338AIMSCT-ND	Ultra Low Output Voltage Dual Linear FET Controller	10-MSOP	16.83	11.16	9.41
SC338AIMSTR-ND	Ultra Low Output Voltage Dual Linear FET Controller	10-MSOP	22679	092/500	
References					
SC431CSK-5CT-ND	Low Voltage Adjustable Shunt Regulator	SOT-23	3.83	2.55	2.15
SC431CSK-5TR-ND	Low Voltage Adjustable Shunt Regulator	SOT-23	6197	93/000	
SC431CSK-1CT-ND	Low Voltage Adjustable Shunt Regulator	SOT-23	3.23	2.12	1.79
SC431CSK-1TR-ND	Low Voltage Adjustable Shunt Regulator	SOT-23	5177	723/000	
SC431CSK-2CT-ND	Low Voltage Adjustable Shunt Regulator	SOT-23	3.23	2.12	1.79
SC431CSK-2TR-ND	Low Voltage Adjustable Shunt Regulator	SOT-23	5177	723/000	
SC431CSK-0.5CT-ND	Low Voltage Adjustable Shunt Regulator	SOT-23	4.68	3.11	2.62
SC431CSK-0.5TR-ND	Low Voltage Adjustable Shunt Regulator	SOT-23	7575	283/000	
SC431CSK-1CT-ND	Low Voltage Adjustable Shunt Regulator	SOT-23	4.08	2.69	2.27
SC431CSK-1TR-ND	Low Voltage Adjustable Shunt Regulator	SOT-23	6555	043/000	
SC431CSK-25CT-ND	Low Voltage Adjustable Shunt Regulator	SOT-23	5.95	3.96	3.34
SC431CSK-25TR-ND	Low Voltage Adjustable Shunt Regulator	SOT-23	9641	273/000	
SC431LSK-5CT-ND	Low Voltage Adjustable Shunt Regulator	SOT-23	4.25	2.83	2.39
SC431LSK-5TR-ND	Low Voltage Adjustable Shunt Regulator	SOT-23	6886	623/000	
LED Drivers					
SC440MLCT-ND	High Efficiency Integrated Driver for 6-Strings of 30mA LEDs	24-MLPQ	39.11	25.97	21.91
SC440MLTR-ND	High Efficiency Integrated Driver for 6-Strings of 30mA LEDs	24-MLPQ	63356	903/000	
SC441TECT-ND	High Efficiency Integrated Driver for 4-Strings of 150mA LEDs	20-TSSOP	41.23	27.38	23.10
SC441TETR-ND	High Efficiency Integrated Driver for 4-Strings of 150mA LEDs	20-TSSOP	55666	852/500	
SC600BIMLCT-ND	LED Driver with 5.0V, 4.5V, or 4.0V Output	10-MLP	21.26	14.12	11.91
SC600BIMLTR-ND	LED Driver with 5.0V, 4.5V, or 4.0V Output	10-MLP	34433	103/000	
SC618ULCT-ND	Charge Pump Flash LED Driver with Safety Timer	10-MLP	22.53	14.96	12.62
SC618ULTR-ND	Charge Pump Flash LED Driver with Safety Timer	10-MLP	36499	093/000	
SC620ULCT-ND	General Purpose Octal LED Driver	16-MLPQ	14.45	9.60	8.10
SC620ULTR-ND	General Purpose Octal LED Driver	16-MLPQ	23414	513/000	
SC4509SKCT-ND	Highly Integrated Step-Up Converter for WLEDs	SOT-23-6	6.80	4.52	3.81
SC4509SKTR-ND	Highly Integrated Step-Up Converter for WLEDs	SOT-23-6	11018	559/000	
SC4509WLCT-ND	Highly Integrated Step-Up Converter for WLEDs	8-MLPQ	8.76	5.79	4.89
SC4509WLTR-ND	Highly Integrated Step-Up Converter for WLEDs	8-MLPQ	14117	573/000	
SC4538ULCT-ND	High Efficiency Boost Converter up to 10 WLEDs	8-MLPD	11.31	7.49	6.31
SC4538ULTR-ND	High Efficiency Boost Converter up to 10 WLEDs	8-MLPD	18249	543/000	
Battery Chargers					
SC804IMLCT-ND	Fully Integrated Lithium-Ion Battery Charger System with Timer	16-MLPQ	28.91	19.20	16.19
SC804IMLTR-ND	Fully Integrated Lithium-Ion Battery Charger System with Timer	16-MLPQ	46829	023/000	
SC805IMLCT-ND	Miniature IC High Current Lithium-Ion	10-MLP	22.36	14.82	12.50
SC805IMLTR-ND	Miniature IC High Current Lithium-Ion	10-MLP	36167	513/000	
SC806IMLCT-ND	Miniature High Current Lithium-Ion	10-MLP	20.23	13.41	11.31
SC806IMLTR-ND	Miniature High Current Lithium-Ion	10-MLP	32724	203/000	
Hot Swap Controllers					
SC4250LISCT-ND	Negative Voltage	8-SOIC	15.30	10.17	8.57
SC4250LISTR-ND	Negative Voltage	8-SOIC	20659	862/500	
Timers					
ACS8944T-ND	Jitter Attenuating, Multiplying Phase Locked Loop	48-QFN	132.89		